

S01150705

LIMESTONE MINES  
DOE Lease MLB-NM-1-13  
(SE  $\frac{1}{4}$  & S  $\frac{1}{2}$  of N  $\frac{1}{2}$  Sec 13 – 13N, 11W)

1976	19,705	71,017	0.18
1977	35,890	80,624	0.11
1978	44,703	84,758	0.09
1979	25,785	52,245	0.10
1980*	22,000	44,000	0.10
1981	20,120	50,654	0.13
	168,203	383,298	0.11

Section 13, 13N-11W, SW  $\frac{1}{4}$

1975	3,646	14,323	0.20
1976	5,690	13,141	0.12
1977	7,996	14,743	0.09
1978	10,344	26,255	0.13
	27,676	96,138	0.17

Section 18 13N – 10W (SW  $\frac{1}{4}$ )

1981	496	1,289	0.13
1981	164	286	0.09
	660	1,575	0.12

\*Estimate by Chenoweth

Source NRG 287

All controlled by Todilto Exploration & Development Co.

## LIMESTONE MINES

Billy The Kid

1976	1,745	1,247	.04	Henry Andrews
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### Section 25 – 13 – 10

1971	947	1,065	0.06	United Nuclear
1972	7,695	29,250	0.19	UN – HP
1972	4,081	12,004	0.15	Bailey & Fife
1973	1,361	4,291	0.16	Bailey & Fife
1973	5,495	19,952	0.18	UN – HP
1974				
1975				
1976				
1977				
1978				
1979				
1980*	500	1,200	0.12	Reserve Oil & Minerals
1981	2,437	5,689	0.12	Reserve Oil & Minerals
	22,516	73,451	0.16	

\*Estimated by Chenoweth

Source NRG 287

AEC records show no production in 1979.

Section 19, 13N – 10W

1975	2,025	4,500	0.11	
1976	12,089	25,782	0.11	Reserve Oil & Minerals
1977	12,210	19,397	0.08	
1978	14,184	28,677	0.10	
1979	11,044	23,731	0.11	
1980*	2,000	4,000	0.10	
1981	386	668	0.09	
	53,938	106,755	0.10	

\*Estimated by Chenoweth  
Controlled by Todilto Exploration & Development Co.  
(except 1976)  
Source NRG 287

Roundy Lease  
(Section 30-13- 4)

1971	146	380	0.13	Bailey & Fife
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Barbara J #3  
(Section 30-13 – 9)  
(aka White Cap)

1979	1,653	6,909	0.21	Todilto Ex. & Dev.
1980*	500	1,500	0.15	Todilto Ex. & Dev.
	2,153	8,409	0.20	Todilto Ex. & Dev.

Hope  
(Section 30-13-9)

1979	2,804	14,533	0.26	United Nuclear Corp.
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Piedra Trieste  
(Section 30-13-9)

1979	28,470	53,396	0.09	Todilto Ex. & Dev.
1980*	5,000	9,000	0.09	Todilto Ex. & Dev.
	33,470	52,396	0.09	

\*Estimated by Chenoweth  
Source NRG 287

Post AEC Info.  
On 6 Non-limestone mines

Ruby No. 1  
Section 21, T1 NR 13W

1976	65,521	187,516	0.14
1977	99,633	343,008	0.17
1978	176,849	416,526	0.12
1979	127,075	339,206	0.13
1980*	50,000	100,000	0.10
1981	1,282	2,341	0.09
1982	-	-	-
	520,360	1,388,597	0.13

\*Estimated by Chenoweth  
Source NRG 287  
Operator Western Nuclear, Inc.

Mine ID 304  
North East Church Rock Mine

1972	6,791	34,442	0.25	UN-HP
1973	37,019	222,234	0.30	UN-HP
1974	133,934	525,570	0.20	UN-HP
1975	221,473	763,581	0.17	UNC
1976	375,085	1,251,721	0.17	UNC
1977	691,852	2,080,832	0.15	UNC
1978	739,616	1,932,464	0.13	UNC
1979	498,857	1,204,339	0.12	UNC
1980*	350,000	840,000	0.12	UNC
1981	319,901	772,577	0.12	UNC
1982	121,092	327,889	0.15	UNC
1 <sup>st</sup> half 1983	-	-	-	UNC
	3,605,620	9,955,649	0.14	

\*Estimated by Chenoweth

Source NRG 287

UN-HP      United Nuclear – Homestake Partner

UNC      United Nuclear Corp.

Section 25, T15N,R,13W

Ruby No. 3

Western Nuclear, Inc.

1980*	100,000	240,000	0.12	
1981	138,838	351,055	0.13	NRG 287
1982	79,347	257,136	0.16	NRG 287
1983**	-	-	-	NRG 287
1984*	50,000	150,000	0.15	
1985*	20,000	60,000	0.15	
	388,185	1,058,191	0.14	

\* Estimated by Chenoweth

\*\* No production shown in the 1<sup>st</sup> half of 1983

Use    390,000        1,092,000        0.14

MINE ID 309

Section 23-T16N,R.17W.

1975	9	201	1.11	Grace Nuclear
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This would be Mine #309

Source NRG 287

MINE ID 307

Church Rock  
(Sections 8 & 17)  
AKA "Old Church Rock"

1976	30,528	89,059	0.15
1977	2,096	2,004	0.05
1978	-	-	-
1979	35,398	59,538	0.10
1980*	50,000	110,000	0.11
1981	82,055	186,801	0.11
1982	38,209	83,574	0.11
	238,286	530,976	0.11

\*Estimated by Chenoweth  
Source NGR 287  
All United Nuclear Corp.

MINE ID 1005

Church Rock Ion – Exchange  
(Uranium from mine water)

1980*	25,000	United Nuclear	NRG 287
1981	30,271	United Nuclear	NRG 287
1982	63,522	United Nuclear	NRG 287
	118,793		

\*Estimated by Chenoweth

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**Post AEC Ore Production, Mines on Navajo Allotted Lands,  
McKinley County, New Mexico**

Year	Mine	Tons of Ore	Pounds U <sub>3</sub> O <sub>8</sub>	%U <sub>3</sub> O <sub>8</sub>
1971	Blackjack No. 1	2,540.62	6,599.99	0.13
	Mac No. 1	15,138.17	86,667.90	0.29
1972	-----	0		
1973	Mac No. 1	14.03	33.95	0.12
1974	-----	0		
1975	-----	0		
1976	Mac No. 1	24.70	53.36	0.11
1977	Section 12	7,637.88	23,471.58	0.15
	Mac No. 1	20.72	52.64	0.13
1978	Section 12	91,555.10	401,564.08	0.22
	Mac No. 1	24.45	27.87	0.06
	Section 32	854.36	2,298.24	0.13
1979	Section 12	118,757.69	573,460.62	0.24
	Mac No. 1	8,447.77	19,535.68	0.12
1980	Records missing at GJO			
1981	Section 12	109,499.10	469,904.14	0.21
1982	Section 12	54,890.05	261,968.89	0.16
1983	Section 12		576.00	
1983 January through June only <b>Mine Operations:</b> Section 12, T.15N., R.14W. Gulf Minerals Section 32, T.15N., R.11W. Cobb Minerals Mac No. 1 United Nuclear-Homestake Partners Blackjack No. 1 United Nuclear-Homestake Partners				

In 2000, the Grand Junction Office of DOE sent all the ore production annual summaries, 1948-1983, (missing 1980 and 2<sup>nd</sup> half of 1983) to the National Archives, Rocky Mountain Region, Denver, CO

Assigned National Record Group NRG-434-00-287

NAVAJO ALLOTMENTS  
(Post AEC Production)

Black Jack No. 1

	Tons	Pounds U <sub>3</sub> O <sub>8</sub>	% U <sub>3</sub> O <sub>8</sub>
1971	2,541	6,600	0.13

MAC No. 1

1971	15,138	86,668	0.29
1972	-	-	-
1973	14	34	0.12
1974	-	-	-
1975	-	-	-
1976	25	53	0.11
1977	21	53	0.13
1978	24	28	0.06
1979	8,448	19,536	0.12
1980*	1,000	2,000	0.10
	24,670	108,372	0.22

\*Estimated by Chenoweth

Source      Uranium ore production records 1948 – 1983,  
                 National Archives, Rocky Mountain Region,  
                 Denver, CO, National Record Group 434-00-287

Section 12  
(Mariano Lake Mine)

1977	7,638	23,472	0.15
1978	91,535	401,564	0.22
1979	118,758	573,461	0.24
1980*	112,000	472,800	0.22
1981	109,499	469,904	0.21
1982	54,890	261,969	0.16
1983	-	576**	-
	494,340	2,223,746	0.22

\*Estimated by Chenoweth

\*\* Adjustment by mill

Section 32  
(Begay Allotment)

1972	2,641	9,554	0.18	Hydro Nuclear
1978	92	162	0.09	Hydro Nuclear
1978	854	2,298	0.13	Cobb
	3,587	12,014	0.17	

Hydro Nuclear's production missed in my 2004 summary.

Source NRG 434-00-287

## NON-NAVAJO PRODUCTION

Evelyn

1971	1,639	6,865	0.21	Stevenson & Holley
1972	787	3,027	0.19	Stevenson & Holley
1972	216	1,176	0.27	Oral Clark
	2,642	11,068	0.21	

No Smith Development in 1971

Per AEC and HM Mine Inspectors records

## Section 33 (West Ranch Mine) (On Railroad Land)

1972	1,634	4,808	0.15	Hydro Nuclear
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Source NRG 434-00-287

**COMPANY CONFIDENTIAL**

Ore production from Kerr-McGee mines, Northeast Church Rock area, post AEC program,  
through June 1983

Year	Mine	Tons of Ore	Pounds U <sub>3</sub> O <sub>8</sub>	%U <sub>3</sub> O <sub>8</sub>
1971	None			
1972	None			
1973	None			
1974	None			
1975	None			
1976	Section 35	38,659.79	131,618.98	0.17
1977	Section 35	131,359.92	474,058.10	0.18
1978	Section 36	65,481.73	206,315.18	0.16
	Section 35	108,664.95	358,787.42	0.17
1979	Section 35	165,112.90	183,201.94	0.18
	Section 36	71,428.94	226,864.04	0.16
1980	<b>Records missing at GJO</b>			
1981	Section 35	185,887.02	675,671.07	0.18
	Section 36	58,065.28	267,702.12	0.23
1982	Section 35	40,275.15	251,466.52	0.18
	Section 36	98,246.45	410,865.87	0.21
1983*	Section 36	22,802.91	95,716.24	0.21
*January-June only				
*Mines are in T.17N., R.16W. McKinley Co., NM				

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